

Application No. 10/802,320
Amendment Dated: December 7, 2005
Reply to Office Action of: September 7, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim listing:

1. (currently amended) A cable assembly for an electrosurgical pencil comprising a power and signal transmitting multiple-core cable with an attachment plug, in which a power transmitting core has more conductors and thicker insulation than two signal transmitting cores, said attachment plug having either plastic plug-pins with spring-steel strips, or metal plug-pins with recesses on a plug body near the plug-pins to provide flexibility in mating with a socket wherein said attachment plug further comprises a plastic outer mould and an inner mould to prevent said three cores from contact with each other.

2. (previously presented) A cable assembly as in Claim 1, wherein said two signal transmitting cores have a reduced diameter in comparison to said power transmitting core.

3. (canceled)

4. (currently amended) A cable assembly as in Claim ~~[[3]]~~ 1, wherein said inner mould has gutters for embedding said three cores.

5. (previously presented) A cable assembly as in Claim 1, wherein said recess is a notch cut on a ridge of the plug body near said plug-pins.

6. (currently amended) A cable assembly for an electrosurgical pencil comprising a power and signal transmitting multiple-core cable with an attachment plug, in which a power transmitting core has more conductors and

thicker insulation than two signal transmitting cores, said attachment plug having either plastic plug-pins with spring-steel strips, or metal plug-pins with recesses on a plug body near the plug-pins to provide flexibility in mating with a socket A cable assembly as in Claim 1, wherein said attachment plug further comprises a plastic outer mould having a two-piece construction without an inner mould and employs constructional spacers and barriers to prevent said three cores from contacting each other.

7. (original) A cable assembly as in Claim 1, wherein the number of conductors in each signal transmitting core is 4.

8. (currently amended) In combination:

an electrosurgical pencil; and

a cable assembly for said electrosurgical pencil comprising a power and signal transmitting multiple-core cable with an attachment plug, in which a power transmitting core has more conductors and thicker insulation than two signal transmitting cores, said attachment plug having a pair of plastic plug-pins each with a spring-steel strip to provide flexibility in mating with a socket, wherein said attachment plug further comprises a plastic outer mould and an inner mould to prevent said three cores from contact with each other.

9. (previously presented) A combination as in Claim 8, wherein said two signal transmitting cores have a reduced diameter in comparison to said power transmitting core.

10. (cancelled)

11. (currently amended) A combination as in Claim ~~[[10]]~~ 8 wherein said inner mould has gutters for embedding said three cores.

12. (previously presented) A combination as in Claim 8, wherein said plug comprises a plug body including a recess configured as a simple notch cut on a ridge of the plug body near said plug-pins.

13. (original) A combination as in Claim 8, wherein the number of conductors in each signal transmitting core is 4.

14. (currently amended) In combination:

an electrosurgical pencil; and

a cable assembly for an electrosurgical pencil comprising a power and signal transmitting multiple-core cable with an attachment plug, in which a power transmitting core has more conductors and thicker insulation than two signal transmitting cores, said attachment plug having metal plug-pins with recesses on a plug body near the plug-pins to provide flexibility in mating with a socket , wherein said attachment plug further comprising a plastic outer mould and an inner mould to prevent said three cores from contact with each other.

15. (previously presented) A combination as in Claim 14, wherein said two signal transmitting cores have a reduced diameter in comparison to said power transmitting core.

16. (canceled)

17. (currently amended) A combination as in Claim ~~[[16]]~~ 14, wherein said inner mould has gutters for embedding said three cores.

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18. (previously presented) A combination as in Claim 14, wherein each said recess is a notch cut on the ridge of the plug body near the plug-pin.

19. (cancelled)

20. (original) A combination as in Claim 14, wherein the number of conductors in each signal transmitting core is 4.